What is claimed is:

- 1. An indwelling catheter set comprising:
- a catheter;
- a cover fixed to a proximal end of the catheter; and
- a connector having a hemostatic valve housed in the connector, the connector being fixed to the cover.
 - 2. An indwelling catheter set comprising:
- 10 a catheter;

5

15

- a tube having a first end and a second end, the first end being fixed to a proximal end of the catheter; and
- a connector having a hemostatic valve housed in the connector, the connector being fixed to the second end.
- 3. The indwelling catheter set of claim 1, further comprising an adapter having a second hemostatic valve detachably fixed to the connector.
- 4. The indwelling catheter set of claim 1, further comprising:
 - a hollow needle slidably fitted to an inside of the catheter;

a needle cover fixed to a proximal end of the hollow needle, the needle cover being configured so as to be connected with the connector; and

a telescopic pipe comprising a safety cover, the telescopic

5 pipe being housed in the needle cover so as to be extensible

wherein the safety cover covers a distal end of the hollow needle

when the telescopic pipe is fully extended.

10